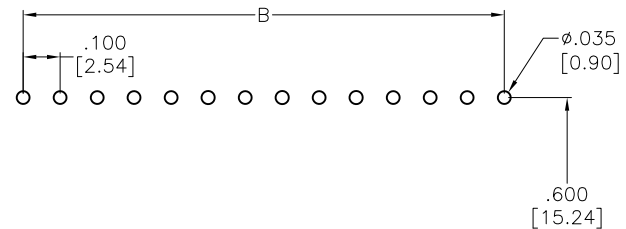
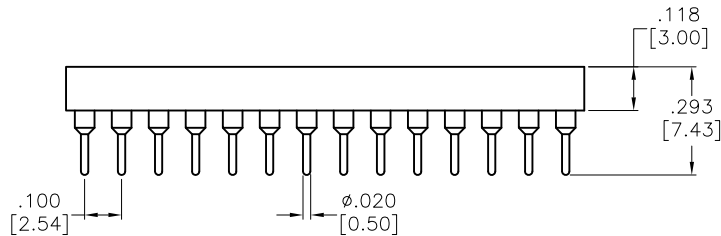
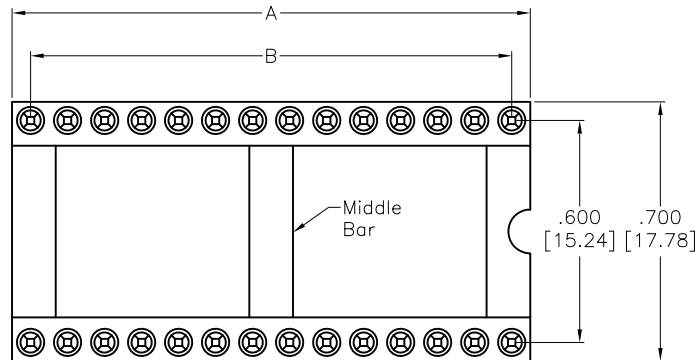


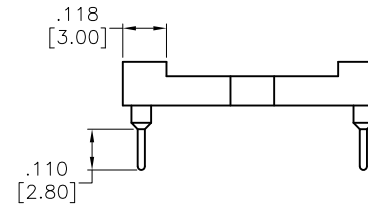
APPROVED: _____

DATE: _____ TITLE: _____

Rev	AWO #	Description	Date	Appr
-		RELEASED	11/7/16	
A		UPDATED CHART	8/5/22	SS



RECOMMENDED PCB LAYOUT



SPECIFICATIONS:

Material:

Insulator: (PPS) Hi-Temp Thermoplastic, rated UL 94V-0

Insulator color: Black

Pin (Outer Sleeve): Brass

Clip (Contact 4 finger): Beryllium Copper

Plating:

Inner contact: Gold flash over Nickel underplate

Outer sleeve: Tin over Nickel underplate overall

Electrical:

Operating voltage: 60VAC/DC

Current rating: 3 Amps/contact max.

Current resistance: $\leq 4\text{m}\Omega$ / contact

Insulation resistance: $\geq 1,000\text{M}\Omega$ at 100 V

Mechanical:

Operating temperature: Gold plated: -55°C to $+105^{\circ}\text{C}$

Tin plated: -40°C to $+105^{\circ}\text{C}$

Average insertion force: $< 250\text{g}$

With steel pin of $\varnothing.017$ [0.43mm]

Average withdrawal force: $> 90\text{g}$ min.

With steel pin of $\varnothing.017$ [0.43mm]

Mechanical life: 200 Cycle min.

Environmental:

Lead free, RoHS compliant



P/N	POSITION	A	B	MIDDLE BAR
ICM-620-1-GT-HT	20	1.000 [25.40]	.900 [22.86]	WITH
ICM-624-1-GT-HT	24	1.200 [30.48]	1.100 [27.94]	
ICM-628-1-GT-HT	28	1.400 [35.56]	1.300 [33.02]	
ICM-632-1-GT-HT	32	1.600 [40.64]	1.500 [38.10]	
ICM-640-1-GT-HT	40	2.000 [50.80]	1.900 [48.26]	
ICM-642-1-GT-HT	42	2.100 [53.34]	2.000 [50.80]	
ICM-648-1-GT-HT	48	2.400 [60.96]	2.300 [58.42]	
ICM-664-1-GT-HT	64	3.200 [81.28]	3.100 [78.74]	

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE INCHES [MM]
TOLERANCES: EXCEPT AS NOTED
INCHES HOLES

.X $\pm .10$ $\varnothing$.X $\pm .10$
.XX $\pm .020$ $\varnothing$.XX $\pm .015$
.XXX $\pm .015$ $\varnothing$.XXX $\pm .010$

APPROVALS		DATE
DRAWN	AY	11/7/16
CHECKED	DH	11/7/16
APPROVED		

ADAM TECH

909 Rahway Avenue, Union, NJ 07083

Phone: 908-687-5000 Fax: 908-687-5710

TITLE			
SCREW MACHINE IC SOCKET .600" ROW SPACING, HI-TWMP			
SIZE X	PART NO. ICM-6XX-1-GT-HT	REV. A	
REF: S00145C	SCALE: NTS	SHEET 1 OF 1	